

1:76 DRIFT RC CAR

C61/C62/C63/C64 INSTRUCTION MANUAL



www.turboracing.net

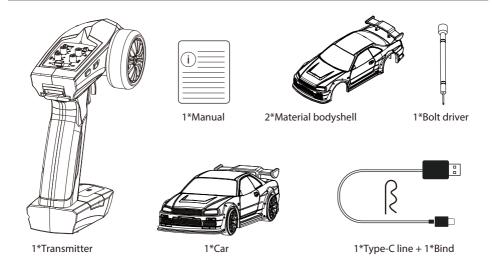


Please read the manual before using the product and keep the manual for future use.

SAFETY INFORMATION

- Movable parts are dangerous, so it is forbidden to put fingers hair clothes and other things into the space between the tire and the car body, to avoid being clamped by the rotating parts.
- Please play the car with the following scence:
 Please don't play in places where the car is running or near children, then avoid the risk of collision.
 Please don't play it in sand water or dust, then avoid trobule.
 Please don't play towards people or animal, then avoid accident.
- For functional requirements, this product contains sharp parts, please follow the correct steps and use methods, pay attention to eye safety.
- Please don't bend or throw the product or play it with rough ways, then avoid an accidents.
- Please don't put this product into water or fire source(such as stove, gas stove,etc.), then avoid accidents.

THE PACKAGE CONTAINS





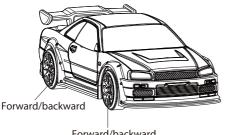
FUNCTION DESCRIPTION



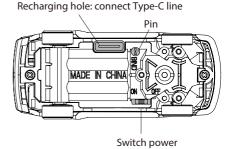
Front right light

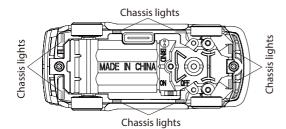


Taillights/Highlighted brake lights



Forward/backward Turn right/turn left





PREPARE FOR RUN

Transmitter battery installation

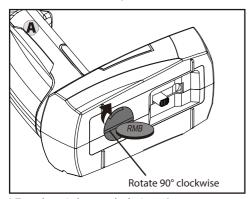
This remote uses AAA battery or Ni MH battery, when the voltage is lower than $4.5V \pm 0.2V$, the LED starts flashing.

Note: instructions for safe use of the replaceable battery of the remote control:

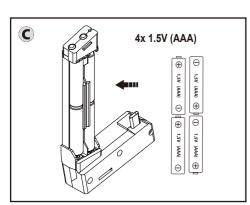
- 1. non rechargeable batteries cannot be charged; rechargeable batteries can only be charged under the supervision of adults.
- 2. the rechargeable battery shall be removed from the remote control before charging; different types of batteries or old and new batteries cannot Mixed use.
- 3. the battery shall be placed in the correct polarity; the exhausted battery shall be taken out from the remote control; the power terminal shall not Short circuit to.



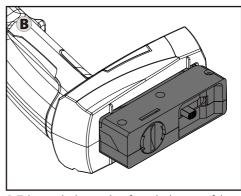
1. Transmitter battery installation. (Picture A-D)



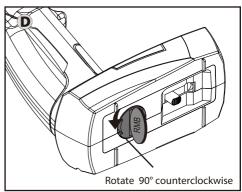
A.Turn the coin button clockwise 90°



C. Install four AAA batteries according to the polarity mark on the battery case bracket



B. Take out the battery box from the bottom of the remote



D. Install the battery box. Insert the battery box into the handle and rotate coin button 90° counterclockwise. The battery box is installed.

Note: Type-C port is aligned with the bottom hole

MARMING: DO NOT KEEP THE BATTERY IN THE BATTERY COMPARTMENT FOR A LONG TIME TO AVOID BATTERY OXIDATION AND DAMAGE THE PRODUCT.

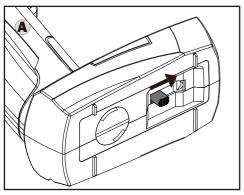
Charging

When the car is in power off status, it can be charged in the following two ways; (Please charge the RC car for the first time you use.)

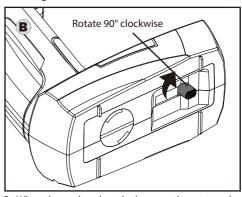
Tip: When the car is power on, it will not be charged when charging power is inserted. If need charge the car, the car's power switch must be turned "OFF".



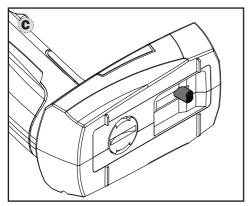
1. Use the hidden Type-C port on the remote to charge the car.(Picture A-F)



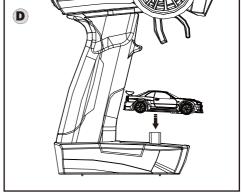
 $\mbox{\ensuremath{A.\,}}\mbox{\ensuremath{Push}}\mbox{\ensuremath{the}}\mbox{\ensuremath{charging}}\mbox{\ensuremath{rod}}\mbox{\ensuremath{rod}}\mbox{\ensuremath{ensuremath{a}}\mbox{\ensuremath{en$



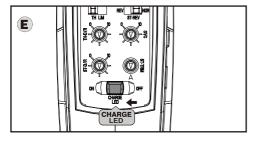
B. When the push rod on the bottom, then rotate the push rod 90° clockwise



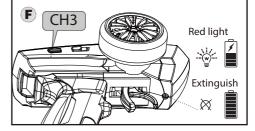
C. The push rod rotate 90° clockwise done, launch port finished.



D. The remote and the car must be off at the same time, and then plug the car into the remote charging port for charging.



E. After the vehicle is plugged into the charging port, switch the remote switch to the charging mode.



F. Then the default red led of the remote is long light. If the charging led light of the remote is off, means the charging is completed. (Short press channel 3 to switch the color of the multi-color light, long press channel 3 to switch the breathing light).

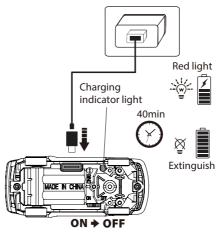


2. Insert the attached charging cable into the charging port of the car and connect the power supply for charging. (as picture shows)

Tip: When the car is power on, it will not be charged when charging power is inserted. If need charge the car, the car's power switch must be turned "OFF".

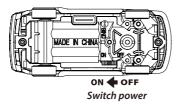
The remote control vehicle should be charged by an adult; The charger is not a toy, The remote control vehicle can only use the recommended charger (5V/2A); Disconnect the remote control vehicle from the charger before cleaning.

Note: Before charging the car, make sure the charging plug is dry. Do not leave when charging the car.



3 Turn on/off the power of the car

Vehicle startup: in the shutdown state, turn on the power switch (push to the "on" position), The vehicle starts up after the LED lights up for 1 second.



If the front light of the car stays on, it indicates that it's connected with the remote control. If the front light of the car is flashing, please check whether the power of remote control has been turned on. If yes, you need to re-code the remote control with the car. (See page 9 for details)

Turn off the car: Turn off the power switch, (switch to "OFF" position), the LED goes off and the the car is power off.



OPERATION NOTE

Note: If you're the first time to use the 1:76 RC drift car, please take a few minutes to read this statement carefully to get familiar with different features of this operation system.

1 Functions Transmitter

Multi function indicator LED: The remote control uses AAA or Ni-MH battery. When the voltage is lower than 4.5V ±0.2V, the multifunction LED indicator light will fash quickly, please replace the battery.

Three section throttle speed limit switch: 20% / 50% / 100%.

Throttle DR:

throttle DR is used to adjust the throttle stroke and set the car speed freely.

Steering DR:

steering DR is used to adjust the steering angle of the front wheels to make the car reach the best turning radius.

Channel 3 button:

control the car chassis light on / off; when is charging, short press channel 3 button to switch the color of multi-color light; Long press channel 3 buttonto switch breathing light.

Disassemble the remote: the handle can be disassembled (as shown in picture 1)

Channel 4 button:

Channel 4 is a three section switch, One section switch turns off the front and rear lamps of the vehicle;The front and rear lights of the second section switch are on for a long time; The front and rear lights of the threestage switch flash.



Use the reverse steering switch to reversethe left and right directions.

Intelligent vehicle control (SVC):
Adjust the knob to level 0-10, and
0 is off Gyroscope, the greater the
number, the greater the modulation
The larger the pitch is, select by knob
Select the desired control effect.
(see page 11 for details)

Steering fine adjustment: when the adjusting wheel is in the neutral position, if the front wheel is not go straight line, please use steering fine adjustment.

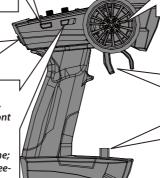
On/Off Switch:

turn on / charge switch / turn off the transmitter

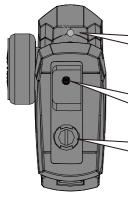
Steering wheel: control left / right steering

Throttle tigger:
Control forward / brake /
backward.

Type-C charging port: hidden port for charging the car (as shown in picture 2)



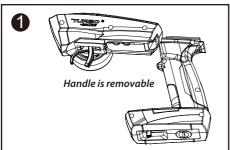


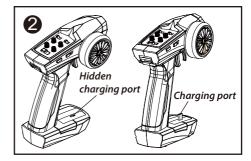


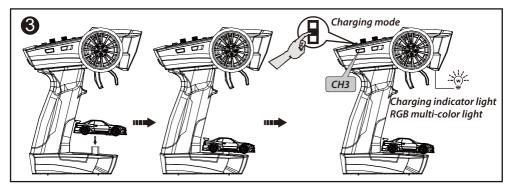
18. Charging indicator: in charging state, press channel 3 key to switch the color of the indicator; Long press the channel 3 key to switch the breathing light (as shown in Figure 3).

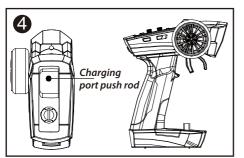
Type-C port charging push rod (as shown in picture 4)

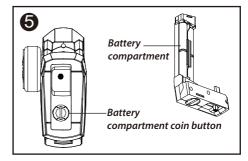
Coin button of battery compartment(as shown in picture 5)













2 Install and remove the remote control handle

- 1. Press the button.
- 2. Remove the handle.
- 3. Press and hold the remove button and. push the handle inside.

Tips: Pay attention to the direction of the handle.

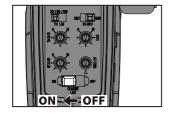




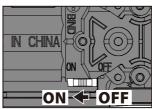


Note: If the handle of remote is in a wrong direction, it will not be powered on. Please install the handle correctly according to the instructions.

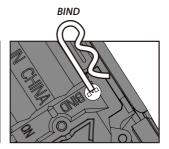
Binding



1. Switch on the transmitter.



2.Turn on the power switch on the car, and the front light on the car flashes.



3.Insert the binding plug into the BIND channel slot on the car, if the LED stops flashing, and stays lit permanently, the binding procedure is completed.

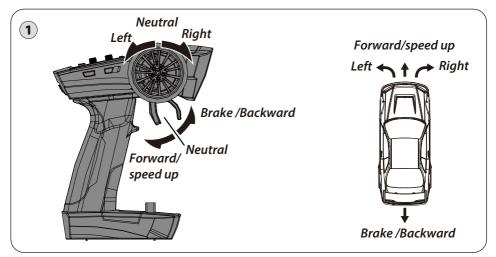
Tip: If fail binding, please turn off the power switch of the car and remote, and restart the binding.

Note: The wireless rc car has been connected to the remote. The above procedure is only necessary when use a new remote or car.

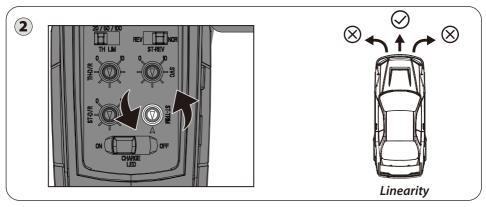
Turn off the car: Please turn off the power switch of the car first, and then turn off the power switch of the remote to prevent the car from losing control.



Car running settings

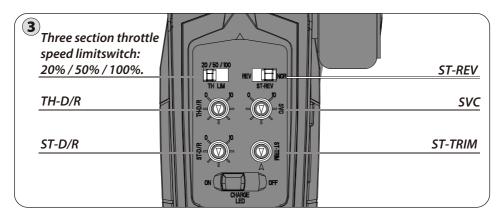


- Throttle tigger: Control forward / brake /backward.
- Steering wheel: Control left / right steering.



• ST/TRIM: When the steering wheel in the middle position, if the front wheel is not in a straight line, please adjust it with ST/TRIM "+" or "-"button.





● Three section throttle speed limit switch: 20% / 50% / 100%.

REV

Steering REV: It is used to reverse the left and right directions of the car.

TH/DR

Throttle DR is used to adjust the throttle and car speed freely. (This function can only work when throttle speed limit switch is in 100% position)

SVC

Gyroscope can make you drive faster. By automatically controlling the vehicle in the direction you select When driving, the gyro course fixing effect controls the steering angle. No matter the track traction force or external force applied to the vehicle The size of the gyroscope also allows the vehicle to accurately maintain the direction. Vehicles with gyroscopes are more mobile and controllable More flexible. When driving on bumpy roads or turning sharply, it can also ensure that the vehicle can run normally in the expected directionTurn the (SVC) knob to level 0-10. 0 means to turn off the gyroscope. The larger the number, the greater the adjustment range. Turn the Button to select the desired control effect.

• ST/DR:

Steering DR is used to adjust the front wheel steering angle to make the car reach the best turningradius. Note: Excessive steering angle may cause the front wheel and body parts to affect each other when running, please adjust the steering angle reasonably.

ST/TRIM:

When the steering wheel in the middle position, if the front wheel is not in a straight line, pleaseadjust it with ST/TRIM "+" or "-"button.



SPECIFICATION

Product name	1:76 RC drift car	Scale		1:76
Driving distance	30m	Driving time		30min
Slope angel	30°		C61	60x26.5x17.5mm
		Size	C62	60.9x18.7x24.6mm
Drive mode	Two-wheel drive		C63	61.75x25.4x17.9mm
Proportional steering	Proportional steering		C64	60x25.6x17.3mm
Weight	21g	Battery parameter		3.7V, 55mAh, lithium battery

LED LIGHT STATUS TABLE

Display	Status	
The headlights flash every 2 seconds	Please check whether the power of remote control has been turned on, if yes, you need to re-code the remote control with the car	
The front and rear lights of the vehicle are on long lighe	The remote control is connected to the car and can be operated	
The red light of tail lamp is bright	Braking status	
The front and tail lights are off	The rc car is power off, the power is insufficient, channel 4 and first-stage switche are in the off state	

PRODUCT PERFORMANCE FAILURE TABLE

Product Name	Product performance failure
1:76 RC drift car	1. The product cannot be turned on. 2. Cannot charge. 3. Unable to operate. 4. Dysfunction.

MAINTENANCE

- 1. Before using the product, please ensure that all components have been tightened, check and clear foreign matter in the gap between the wheel and chassis.
- 2. When the car is to be stored for a long time, it should be kept at 70% of its power to maximize battery life. And charge the battery once every 1-3 months to avoid battery damage. (It is recommended to fully charge the battery and store it after 5-10 minutes of use).
- 3.If the remote control will not be used for a long time, please remove the batteries to avoid oxidation.



COMMISSIONING PARAMETERS OF DRIFT CAR

This product has finished the basic commissioning before delivery. Without changing the basic settings, players can adjust the response speed of the car when drifting according to the different drift sites and personal control feel:

- 1. Turn off the gyroscope on the remote control, drive the car at the slowest speed under 20% speed gear, and slightly adjust the linearity by turning the fine adjustment steering knob on the remote control.
- 2. The larger the gyroscope value set on the remote control is, the more stable the car will be, but there may be steering wheel shaking or excessive steering stroke.
- 3. The larger the gyroscope value set on the remote control is, the more sensitive the car will be, and the more likely it is to drift.
- 4. In case that the gyroscope value is adjusted to the satisfaction, when drifting to the left, the car is prone to oversteer (drift). In this case, adjust the right front meter screw of the car clockwise (no more than 30° for each fine adjustment).
- 5. In case that the gyroscope value is adjusted to the satisfaction, when drifting to the right, the car is prone to oversteer (drift). In this case, adjust the left front meter screw of the car clockwise (no more than 30° for each fine adjustment).

TROUBLESHOOTING

Fault symptom	Cause of failure	Solutions
	1. The gyroscope is not turned on.	Turn the gyroscope knob to scale or reduce by one space.
Difficult to achieve drift	The steering stroke is not adjusted to the maximum.	Turn the steering stroke knob to scale 10.
	3. The running speed is too slow.	3. Turn the throttle speed limit switch to 100% and the throttle stroke knob to the maximum.
There is too much difference between left and right when drifting	The linearity is not adjusted well. Both front wheels land unevenly.	1. Turn off the gyroscope, set the throttle gear switch to 20% as the slowest speed, and use the fine adjustment steering knob to slightly adjust the linearity. 2. Tighten two adjusting screws.
Front wheels vibrate and swing disorderly when drifting	The fine adjustment knob on the gyroscope is turned too much.	Gradually adjust the gyroscope knob from scale 10 (1/3 space for each fine adjustment).



TROUBLESHOOTING

Fault symptom	Cause of failure	Solutions	
The tranmitter connection failed	Distance is too far Multicars pairing at the same time	Make sure that the product is in car receiving mode.(The headlights flash).	
Freeze	Foreign object between the wheels	Check the wheels for foreign objects	
No reaction when remote control left and right steering / no response when steering	The steering angle is set too small	Reset the steering angle	
The steering is in the opposite direction of the remote steering operation	The remote steering reverse switch is not properly set	Set the remote steering reverse switch to the correct direction	
When the throttle is in neutral position, the car immediately starts to move forward or backward	Throttle fault	Turn off and restart the remote control and vehicle	
The car cannot move in a straight line/The left and right steering radius is significantly different	Steering fine-tuning is not set to the center position	Set the steering fine-tuning to the center position	
The maximum speed cannot be reached	1. The throttle DR setting is too small 2. Battery Low 3. Foreign objects between the wheels	Set the throttle DR size on the remote throttle DR, and check for foreign objects and battery level	
Overheating in the motor part	Ambient temperature is too high	The car should be immediately turned off and placed in a cool, well-ventilated place for cooling to avoid damage to electronic parts	
The power-on light is not on	The voltage is less than 3.0V and there is not	Charge in a timely manner	
Shutdown	enough power		



PRECAUTION

- The car contains lithium batteries. Disassembling, striking, squeezing or throwing the car into the fire is prohibited. If severe swelling occurs, do not continue to use it. Do not place it in high-temperature environment.
- Due to the special feature of lithium batteries, overly high or low temperature will affect the battery charge
 and discharge performance and battery life, so please do not use or store this product under environments
 such as high temperature, low temperature, high humidity or direct sunlight.
- The charging cable, plug, body shell, and other parts must be checked regularly for damage. If the damage is found, stop using until the repair is complete.
- The car has low battery voltage protection.
- When the battery voltage is lower than 3.0V, it will automatically cut off the current and the car will seize all functions to protect the battery.
- When using remote control nearby high-voltage power lines, light rails, microwave ovens electric waves of
 the same frequency will lead to dysfunction of the car. Please change the location or choose another time
 to operate.
- Our company holds no responsibility if accidents such as injury to others or damage due to operating errors.

NON-WARRANTY REGULATIONS

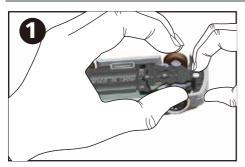
- Unauthorized repair, misuse, collision, negligence, abuse, fluid intake, accidents, alterations, incorrect use.
 Non-product accessories, or tear, alter marks and anti-counterfeiting marks;
- The validity period of "three guarantees" has passed.
- Damage caused by force majeure;
- Does not meet the performance failures listed in "performance failure table of 1:76 RC drift car";
- Performance failure of the product and its accessories that meets the "performance failure table of 1:76 RC drift car" due to human factors.
- Return and exchange services require confirmation.
 When the client applies for return and exchange, it is necessary to follow the 1:76 RC drift car warranty instructions and the customer service should confirm whether it meets the after-sales conditions and then arrange relevant service.

Notice: The products, accessories, remote control, etc. in the instruction manual are schematic diagrams and for reference only. Due to product updates and upgrades the physical and schematics of the product may differ slightly, please refer to the actual product.



DISASSEMBLING

1. Disassemble The car body shell:(C62-C63-C64)



1.Hold the front wheel with one hand, and other hand hold the head of the car.

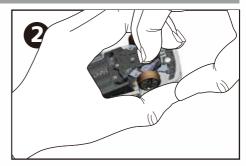


2. Then gently push out and take it out.

2. Install the car body shell:(C62-C63-C64)



1. An exhaust fixture inserted into the tail of the car chassis.

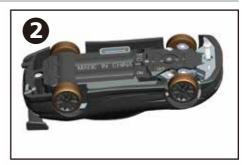


2. Then press and hold the head of the car chassis to install it.

1. Disassemble The car body shell:C6

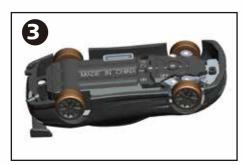


1. Use a cross screwdriver to screw out the headlight fixing parts.

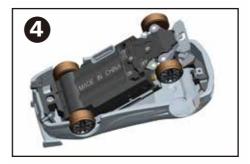


2. Remove the screws.



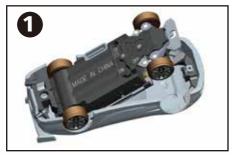


3. Take out the front lamp fastener.



4. Take out the vehicle body.

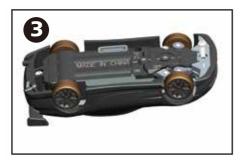
2. Install the car body shell:C61



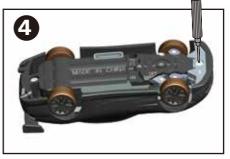
 When installing the vehicle body, install the front lamp first, and then The vehicle body is inserted into the exhaust fastener at the rear of the vehicle.



2. Install Front Light Retainer.



3. Mounting screws.

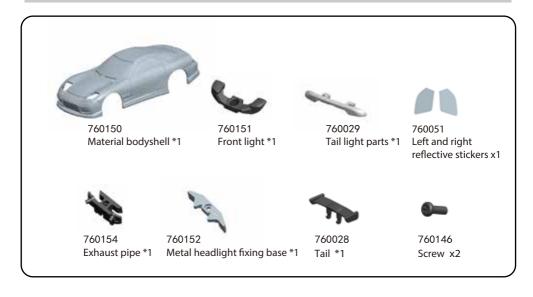


4. Use a cross screwdriver to tighten the screws of the headlight fixing partsYes.



INSTALLATION OF SHELL PARTS GROUP

C61-INSTALLATION OF SHELL PARTS GROUP

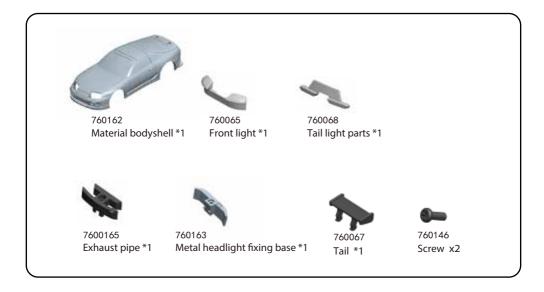


C62-INSTALLATION OF SHELL PARTS GROUP





C63-INSTALLATION OF SHELL PARTS GROUP



C64-INSTALLATION OF SHELL PARTS GROUP

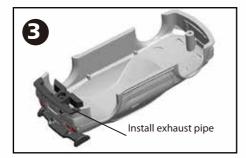


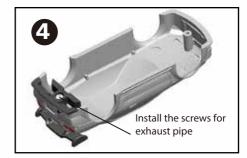


C62-C63-C64 Car shell assembly

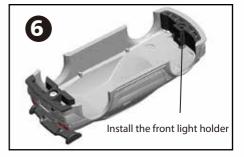


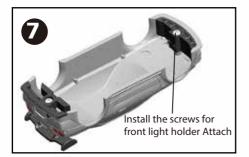














C61 Car shell assembly









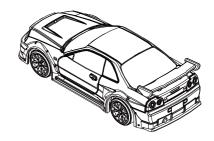




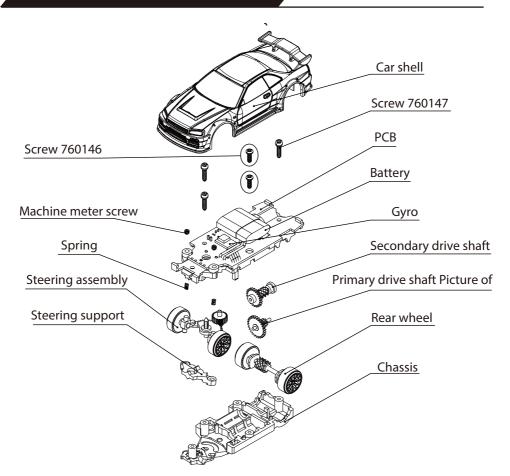


GENERAL ASSEMBLY DRAWING





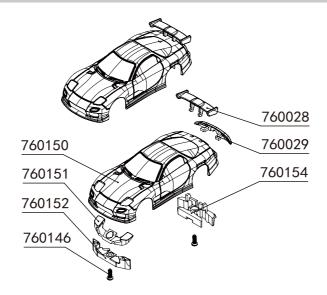
EXPLODED VIEW OF FINAL ASSEMBLY



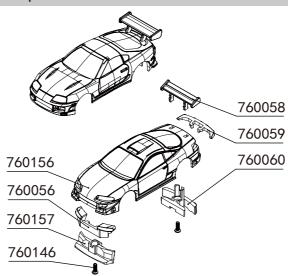


CAR SHELL EXPLOSION

C61-Car Shell Explosion

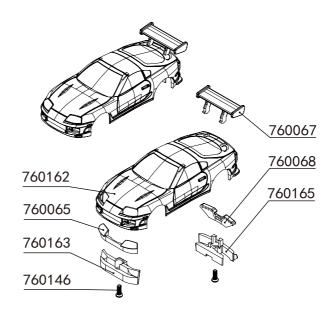


C62-Car Shell Explosion

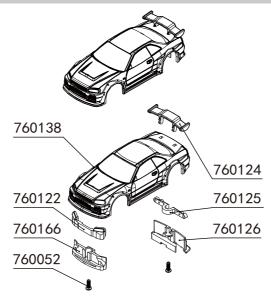




C63-Car Shell Explosion



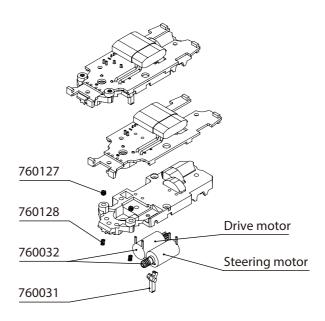
C64-Car Shell Explosion

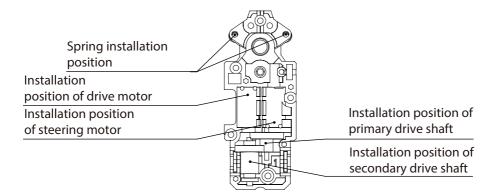




UPPER SHELL

C61-C62-C63-C64-Upper Shell



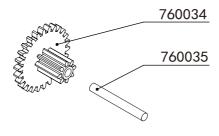


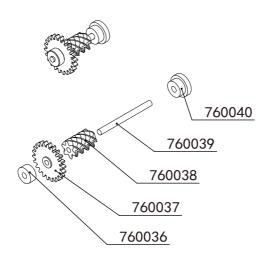


TRANSMISSION SHAFT

C61-C62-C63-C64-Transmission Shaft



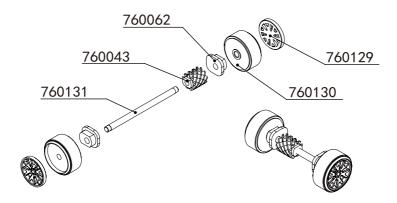




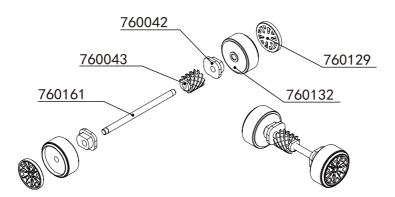


REAR WHEEL

C61-C63-C64-Rear Wheel



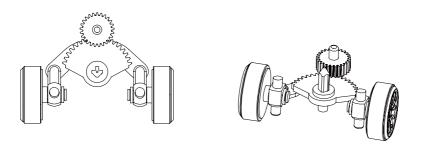
C62-Rear Wheel

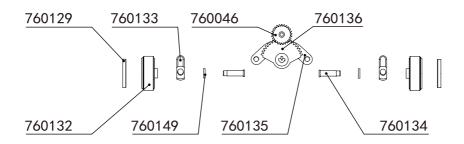


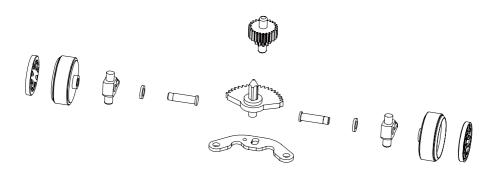


STEERING ASSEMBLY

C61-C62-C63-C64-Steering Assembly









ORIGINAL SPARE PART

C61-C62-C63-C64-Parts

760034 Gear(Primary drive shaft)2pcs





760036
Axle sleeve(Secondary drive shaft)4pcs









760038
Gear(Secondary drive shaft)2pcs





760040 Axle sleeve(Secondary drive shaft)2pcs





760031 Switch handle 2pcs



760035 Axis(Primary drive shaft)2pcs



760037 Gear(Secondary drive shaft)2pcs

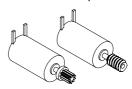




760039 Axis(Secondary drive shaft)2pcs



760032 Motor 2pcs



760147 Screw 6pcs









760127 Millimeter screw 4pcs









760043 Gear(Rear wheel)2pcs





760133 Left and right components 4pcs







760046 Gear 2pcs





760136 Fan teeth 2pcs





760128 Spring 4pcs









760129 Hub 4pcs









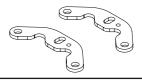
760134 Fixed shaf 4pcs







760135 Rocker arm 2pcs

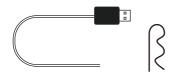


760137 Battery





760021 Charging line



760074 Grey Guardrail Total 50pcs

(Straight 45pcs)







760076 Red Guardrail Total 50pcs

(Straight 45pcs)

(Curved 5pcs)





760139 PU guardrail(10m)



760141 PU guardrail(5m)



760100 Bolt driver 2pcs



760075 White Guardrail Total 50pcs

(Straight 45pcs)

(Curved 5pcs)





760148 Drift car racing track mat 1pcs



760140 PU guardrail(13m)



7600144 Left and right front wheels 2sets







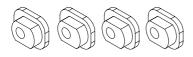


C61-C63-C64-Parts

760130 Rear wheel 2pcs



760062 Axle sleeve(Rear wheel)4pcs



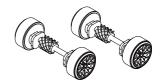
760131 Axis(Rear wheel) 2pcs



760132 Front wheel 2pcs

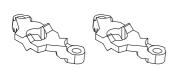


760142 Rear wheel set 2pcs



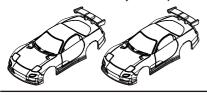
C61-C62-C63-Parts

760155 Steering support 2PCS

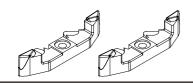




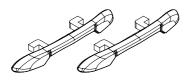
760150 Material bodyshell 2pcs



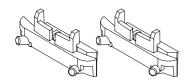
760152 Metal headlight fixing base 2pcs



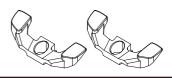
760029 Taillights lights 2pcs



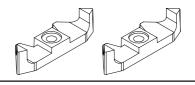
760154 Front light holder 2pcs



760151 Front light 2pcs



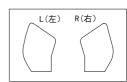
760153 Plastic headlight fixing seat 2pcs



760028 Exhaust pipe 2pcs

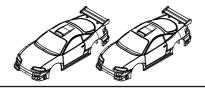


760051 Left and right reflectors 10pcs

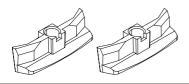




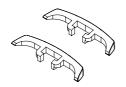
760156 Material bodyshell 2pcs



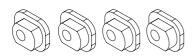
760157 Metal headlight fixing base 2pcs



760059 Taillights lights 2pcs



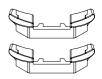
760042 Axle sleeve(Rear wheel)4pcs



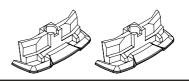
7600159 wheel 4pcs



760056 Front light 2pcs



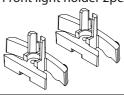
760158 Plastic headlight fixing seat 2pcs



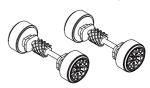
760058 Exhaust pipe 2pcs



760060 Front light holder 2pcs



760160 Rear wheel set 2pcs

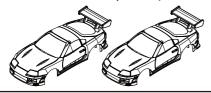




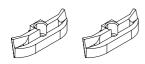
760161 Axis(Rear wheel) 2pcs



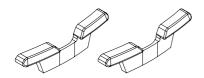
760162 Material bodyshell 2pcs



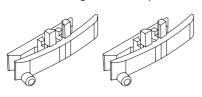
760163 Metal headlight fixing base 2pcs



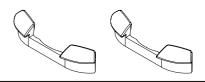
760068 Taillights lights 2pcs



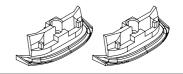
760165 Front light holder 2pcs



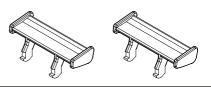
760065 Front light 2pcs



760164 Plastic headlight fixing seat 2pcs

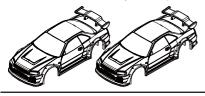


760067 Exhaust pipe 2pcs

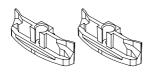




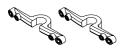
760138 Material bodyshell 2pcs



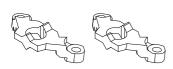
760123 Plastic headlight fixing seat 2pcs



760125 Taillights lights 2pcs



760167 Steering support 2PCS



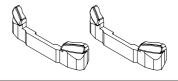
760173 Steering support + Metal headlight fixing base 2PCS

760155 Steering support 2PCS 760166 Metal headlight fixing base 2pcs

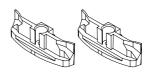




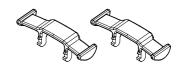
760122 Front light 2pcs



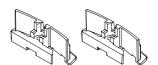
760166 Metal headlight fixing base 2pcs



760124 Exhaust pipe 2pcs



760126 Front light holder 2pcs





CHOOSE A VARIETY OF STYLES





C10 Fluorescent green

C10 Fluorescent red

C10 Cement gray

C10 Dark green



C10



Purple



Light yellow

C10 Mint green



C10 Light blue

C10 Blue

2 RC Sports car



C71-RD Red



C71-YE Yellow



C71-WH White



C72 Violet



C73 Cement grey



C74-BK Black



Off Road RC Car



4 Drift RC Car







Shenzhen NewStone Technology Co., Ltd.

Manufacturer: Shenzhen NewStone Technology Co., Ltd.
Address: Yuhong Industrial Park, No.20 Xingye West Road, ShaJing Town, Bao'an District, Shenzhen, Guangdong Province

If this product can not operate normally during the warranty period, please contact the local distributor or manufacturer that sold this product to obtain warranty service. When the product is under warranty, please show the product warranty card and proof of whether it is within the warranty period.

- 1. If your product was sold by a distributor, please consult with the distributor or manufacturer to resolve it. (It is recommended to negotiate with the local distributor)
- 2. Manufacturers have the responsibility to "repair" or "replace" the product.
- 3. The warranty period of all products provided by the manufacturer is 15 days.
- 4. When the product is under warranty, manufacturers and distributors have the responsibility to "repair" or "replace" the product.